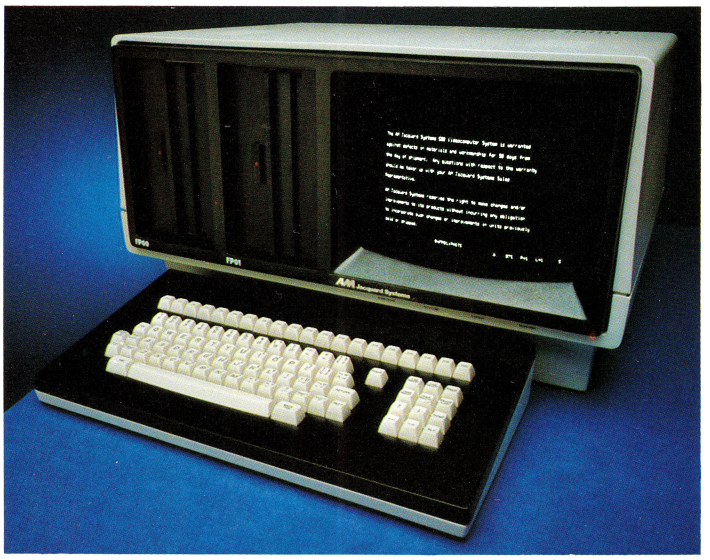
AM Jacquard Systems



AM Jacquard 500

A powerful stand-alone system

The Jacquard J500 represents a major advance in low-cost business computers. This powerful, self-contained system is the stand-alone version of the J100. It inherits all its software capabilities from the multi-station J100 and, with 128K bytes of memory, is capable of handling the most demanding business assignments.

The J500 system can perform concurrent word and data processing functions. Compatible data file formats allow access for both word and data processing applications, resulting in a powerful, flexible multi-use system. It supports both character and line printers and can be augmented with telecommunications devices and other peripherals.

With its capability to perform both word and data processing, the J500's high-speed throughput and expandable storage capacity give you the total system for today's office—and tomorrow's, too.

The total office system

Jacquard software has been designed with integrated business applications in mind. Using one system, you can carry out a wide range of word and data processing tasks.

Communications

A total telecommunications system. Asynchronous/synchronous devices may be directly connected to the CPU or may communicate through modems. Remote job entry and interactive communications are performed with mainframes such as IBM and Univac.

Super BASIC compiler

A complete interactive programming capability. Permits the user to create special software programs for individual needs, on-line or in batch mode.

Worldwide service and support

As a division of AM International, Inc., AM Jacquard Systems gives you both the service and support of a strong, worldwide organization.

See for yourself

Call your AM Jacquard Systems representative today and ask to see a J500 demonstration. Once you've seen it, you'll agree it has the power to increase your productivity and the flexibility to handle any job you give it.

Jacquard Systems

System Features
Supports word processing and data processing.
Movable keyboard with 128 standard characters and 128 user-programmable characters.
Two floppy disk drives with selectable density (single or double) to facilitate compatibility with the J100 and other computer systems.
Capability for up to 48 megabytes of hard-disk storage.
Choice of white on black or green display CRT.
Peripheral controllers are built into the J500 basic unit (hard disk, printers, communications).
Prints and communicates in the background mode.

Processor
Word size: 16 bits.
Memory size: 128K bytes.
Direct Memory Access: 1.5M bytes/second.
Physical dimensions: Height: 14.5", Width: 25", Depth: 19.5".
Weight: 85 lbs.
Master and Keyboard total depth: 27.5 inches.

Keyboard
Movable via cable.
Full upper/lower ASCII standard character set.
User-programmable, 128-character set.
Numeric Pad imbedded; 10-key Accounting Pad.
20 programmable function keys.
N-Key rollover.
Physical dimensions: Height: 3", Width: 18.5", Depth: 9.5".
Weight: 7 lbs.

CRT Display
12 inch CRT.
80 characters x 24 lines.
High-resolution characters.
Standard ASCII characters.
128 programmable characters.
White or green phosphor.
High-contrast, low-reflectance face plate.
Non-flicker.
Refresh at CPU memory speed.

Diskettes
2 drives built in.
250K or 500K bytes/drive. (Total cap. 1 megabyte)
Both diskettes can be used for storing programs and/or data files and updating software modules.

Character Printing
Low speed, typewriter quality.
Speeds up to 45 cps for character printers.
88/96-character print wheels.
Variety of type styles, 10 and 12 pitch.

Line Printer
Speeds of 300 lines per minute.
Line matrix printing.
132 print positions.
96- or 160-character set.

Cartridge Disks
Up to 2 drives per J500.
12 or 24 megabytes per drive.
Total capacity up to 48 megabytes.

Data Communications
Two independent asynchronous/synchronous ports with RS232C interface supporting auto answer.
A RS-366 Autodial interface.
Each port is capable of providing line speed options of 110 baud to 9600 baud.
The J500 can communicate over telephone lines with:
Other J500's and J100's.
Other intelligent terminals.
Key-to-disk systems.
IBM and other mainframe computers via 2780/3780.
Univac 1004 emulator.

Electrical/Environmental Requirements
Power: 117/240 VAC, 60-50 Hz, single-phase power with safety ground.
Environmental: Temp 60-85 F.
Relative Humidity: 20 to 80% (non condensing).

Software
Account-Rite Business Program:
Accounts Receivable.
Accounts Payable.
General Ledger.
Payroll.
Client Write-up.
Type-Rite Word Processing Program:
Easy Reference Menus.
Format Flexibility.
Automatic Merge.
Special Column Features.
Hyphenation.
Global Search and Replacement.
Sharable System Design.
Document Recovery.
Data-Rite Data Collection Program:
Supports a Variety of Applications.
Interactive Format Creation.
Instant Input Editing.
Complete Data Processing.
Powerful File Handling.

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